

Amendments to the Claims:

1.-17. (Cancelled)

18. (Currently Amended) A computer-implemented method for dynamically resolving a pathname in the context of a user, the method comprising:

prior to resolving a pathname to a handle for an object:

receiving $[[a]]$ the pathname from a requesting component wherein the pathname includes a variable that identifies at least one member of a group comprising: a current user of the requesting component, and a location of the requesting component within a network $[[;]]$,

identifying the variable in the pathname $[[;]]$,

mapping the variable to a value $[[;]]$, and

modifying the pathname by including the value in the pathname;

after modifying the pathname by including the value in the pathname:

resolving the pathname to a handle for an object associated with the value $[[;]]$, and

returning the handle for the object to the requesting component for access to the object.

19.-20. (Cancelled)

21. (Previously Presented) The computer-implemented method of claim 18, wherein the value is a factor in resolving the pathname to the handle for the object.

22. (Previously Presented) The computer-implemented method of claim 18, wherein the variable includes a prefix that indicates that the variable that identifies at least one member of a group comprising: a current user of the requesting component, and a location of the requesting component within a network.

23. (Previously Presented) The computer-implemented method of claim 18, wherein modifying the pathname includes replacing the variable with the value.

24. (Previously Presented) The computer-implemented method of claim 18, wherein mapping the variable includes accessing an updatable data store and mapping the variable to the value associated with the data store.

25. (Previously Presented) The computer-implemented method of claim 24, wherein the data store includes a plurality of mappings, wherein each mapping is associated with a user, wherein at least one of the mappings is different than the other mappings to implicate a different object than the other mappings.

26. (Currently Amended) A computer-readable storage medium having computer-executable instructions for dynamically resolving a pathname in the context of a user, the instructions comprising:

prior to resolving a pathname to a handle for an object:

receiving [[a]] the pathname from a requesting component, wherein the pathname includes a prefix and a variable that identifies a user of the requesting component[[:]],

identifying the variable in the pathname that identifies the user of the requesting component, wherein the variable is identified from the prefix[[:]],

mapping the variable that identifies the user of the requesting component to a value that implicates the current user of the requesting component[[:]], and

modifying the pathname by replacing the variable that identifies the user of the requesting component with the value;

after modifying the pathname by replacing the variable that identifies the user of the requesting component with the value:

resolving the pathname to a handle for an object associated with the value[[:]], and

returning the handle for the object to the requesting component for access to the object.

27. (Previously Presented) The computer-readable storage medium of claim 26, wherein the value implicates a location of the requesting component with a network.

28. (Previously Presented) The computer-readable storage medium of claim 26, wherein the value is a factor in resolving the pathname to the handle for the object.

29. (Previously Presented) The computer-readable storage medium of claim 26, wherein mapping the variable includes accessing an updatable data store and mapping the variable to the value associated with the data store.

30. (Previously Presented) The computer-readable storage medium of claim 29, wherein the data store includes a plurality of mappings, wherein each mapping is associated with a user, wherein at least one of the mappings is different than the other mappings to implicate a different object than the other mappings.

31. (Currently Amended) A system for dynamically resolving a pathname in the context of a user, the system comprising:

a processor; and

a memory having computer executable instructions stored thereon, wherein the instructions are configured for:

prior to resolving a pathname to a handle for an object;

receiving the pathname from a requesting component wherein the pathname includes a variable that identifies at least one member of a group comprising: a current user of the requesting component, and a location of the requesting component within a network,

identifying the variable in the pathname,

mapping the variable to a value, and
modifying the pathname by including the value in the pathname;
after modifying the pathname by including the value in the pathname;
resolving the pathname to a handle for an object associated with
the value, and
returning the handle for the object to the requesting component for
access to the object,

a requesting component associated with a user mode, wherein the requesting component is configured to send a pathname, receive an object handle, and obtain an object associated with the object handle, wherein the pathname includes a variable that identifies at least one member of a group comprising: a current user of the requesting component, and a location of the requesting component within a network;

- a variable identifier component associated with the user mode, wherein the variable identifier component is configured to identify the variable;
- a data store component associated with a kernel mode, wherein the data store component includes mappings that map the variable to a value; and
- a pathname engine component associated with the kernel mode, wherein the pathname engine component is configured to receive the pathname from the requesting component, request evaluation of the pathname from the variable identifier component, receive an identified variable from the variable identifier component, access the data store component to receive a value associated with the identified variable, obtain a modified pathname that includes the value, and return an object handle to the requesting component that is based on the modified pathname that includes the value.

32.-33. (Cancelled)

34. (Previously Presented) The system of claim 31, wherein the value is a factor in resolving the pathname to the object handle.

35. (Previously Presented) The system of claim 31, wherein the variable includes a prefix that indicates that the variable that identifies at least one member of a group comprising: a current user of the requesting component, and a location of the requesting component within a network.

36. (Previously Presented) The system of claim 31, wherein the modified pathname has the variable replaced by the value.

37. (Previously Presented) The system of claim 31, wherein the data store component includes a plurality of mappings, wherein each mapping is associated with a user, wherein at least one of the mappings is different than the other mappings to implicate a different object than the other mappings.